

BD

ACCESSION NUMBER: **1998-363606 [32] WPIX**
DOC. NO. CPI: C1998-111917
TITLE: Process to improve powder flow properties
of e.g.
oxide as dry
density.
pharmaceuticals - by adding silicon di
aerogel with specified porosity or
DERWENT CLASS: B07 E36 J04
PATENT ASSIGNEE(S): (BAYE-N) BAYERISCHE ZENT ANGEWANDTE
ENERGIEFORSC
COUNTRY COUNT: 1
PATENT INFORMATION:

| PATENT NO | KIND | DATE | WEEK | LA | PG | MAIN IPC |
|---------------------|------|----------|-----------|----|----|----------------|
| DE--19653758 | A1 | 19980625 | (199832)* | | 4 | B01J-002-30<-- |

APPLICATION DETAILS:

| PATENT NO | KIND | APPLICATION | DATE |
|---------------------|------|----------------|----------|
| DE--19653758 | A1 | 1996DE-1053758 | 19961220 |

PRIORITY APPLN. INFO: 1996DE-1053758 19961220

INT. PATENT CLASSIF.:

MAIN: B01J-002-30

SECONDARY: C01B-033-14

BASIC ABSTRACT:

DE 19653758 A UPAB: 19980812

Process for improving the flow properties of powders
comprises adding a

silicon dioxide flow aid comprising a supercritical or
subcritical dried

aerogel with a porosity above 60 (preferably >90)% or a
density of 100-200
kg/m³.

Also claimed is a pharmaceutical powder, as a pure
substance or

mixture, containing the flow aid.

USE - The additive improves the properties of powders
such as

titanium dioxide and carbon black, as well as
pharmaceuticals.

Dwg.0/0